



SEQUENCE LISTING

<110> WONG, GRACE

<120> FSH STIMULATED GENES

<130> 49854 (72024)

<140> 09/854,434

<141> 2001-05-11

<150> 60/203,805

<151> 2000-05-12

<160> 15

<170> PatentIn Ver. 2.1

<210> 1

<211> 338

<212> DNA

<213> Mus musculus

<400> 1

```
cgagttccag aatgaaaagc aacaagacc ttcttgcttt tcattctgga actcgagtcc 60
cagaatgaaa agcaagaagg gtcttgctga gcatctggca gtgactctga ggatgaagac 120
agcatggaca gtccccccag tacctttccc caataagaag ctccggaaaag agaaggagga 180
gaggcaatcc tgccaaggag tcagtccaga ttctgcgaga ctggctgtat gaacacagat 240
acaacgccta tccctcagag caagagaaag cactgctgtc ccagcagaca cacctgtcca 300
cactacaggt ctgtaactgg ttcatcaacg cccgccgc 338
```

<210> 2

<211> 528

<212> DNA

<213> Mus musculus

<400> 2

```
cgcgctgttc cagctctgcc gcacagatgg ggacacactt cttcagcggt tgaaaaaatgc 60
cacaaagcca agcagagact gggggccccgc tctcctggag caccggactg ggcgctacgc 120
tcccactaca accccctctc ccgaagacgg gtttgaggtc cagccactgc acccgacaa 180
ggcccagatt cccatcgtgg gcagtaacgg ctccagccgc ttccaggact cccggatatg 240
agcgcaattg ttgcaagggg agaaaccca cccaaccctt gctcccacca cggagactgg 300
gaggcggaca ggtggaggcc tgccccatca caccctgtct gggatggctg ctgtcacctt 360
gaccaccact gctcatgtcg ccagtgttta cacatccttt ggatgccaaag acagcagctg 420
ggggtgggaa gcgatggggg aattggggga gcggcatggg gaagcagtgt cagagcactt 480
tggaggaggc tgcaggctgc ctatggctct gatacctcat gctctgcc 528
```

<210> 3

<211> 457

<212> DNA

<213> Mus musculus

<220>

<221> modified_base

<222> (70)

<223> a, t, c, g, other or unknown

<400> 3

```

cggggaagact acacacctct ttcattggctt cggcggaacac ccggcgagtt ggcgatggcg 60
ccggtgcgtn ctctagcctt acctcgactc cttacgacag gagctgcagc agaggggatcc 120
gacgctgctc tccgtggcgg tggctctcct ggcggtgctg ctgacgctgg tgttctggaa 180
gttcatctgg agccgaaaga gcagtcagag agctgttctc ttcgttggtc tctgtgactc 240
tgggaaaacg ttgtgttttgc tcaggttgct aactggccag tacagagaca cacagacttc 300
cattaccgat agttctgcca tatacaaagt caacaataac aggggtaaca gcctgactct 360
gatcgacctc cccgggcatg agagcttgag gtttcagctc ttagatcgct ttaagtcttc 420
agctagggct gtggtgtttg tgggtggacag tgcggcg 457

```

<210> 4

<211> 450

<212> DNA

<213> Mus musculus

<400> 4

```

attcggcacg atgggggtaaa ttatccctgg ctctcagget gcacatttgc cttccatacc 60
acaatgagaa acaacctttt ctctacttga caccttttga taacacctgg gaattctacc 120
ctaactctct tatgtcacta ttcttatttg tgcataacctg caccaagtca tgtctgtggt 180
tctgagtgc cctagaccac ggctgtttac tgaccttcaa ccttcccagt ctccctccct 240
ccactctcaa aaggctcagt aactgttatt ttcccacaa agttattatt cacttggtat 300
tagaattctg ctactgttga catgtagctt taatgtagta acagtacctg gttgctttgt 360
ttgacttgat ggtcaaagac actgaaaatc ccaattttgg atggtgtagt tataaaatgc 420
actttttctt tatttatgga gtgggatgtc 450

```

<210> 5

<211> 463

<212> DNA

<213> Mus musculus

<400> 5

```

ggcgacgcg gtagcatttg ctgaaggagg cagaggcctc gaactcaggg atccacctag 60
ctctgtctct gactgctgag actgaagggtg tgcgcgcgcca cgcctggctt ttttccctt 120
tcttttttga gacagggctc tactatgtag cctggctag cctggaactt aagtatgtac 180
aacaggctgc ctccccctcc cccattcacc tgccttttcc tcaaaagtgc tgggattaaa 240
tgatgtccca gactgcacct attttttgag acaatgtctc atatagctca agaggcctca 300
aattcacttg taaccaagga tgccttgaa ctctgatcc tcctgcctcc acttccagg 360
gtcaacttta ttctttccaa ttgtatgaat catgttggtg gagagtttaa gcattagaat 420
agaaagcagg aaatgtgatt gccctaattg tagaaattct atc 463

```

<210> 6

<211> 489

<212> DNA

<213> Mus musculus

<400> 6

```

tcggcacagg gtctcttgtg tggggacctg gcacagcaaa gtcccaattc ctcaaataca 60
tcgagaaaagt gtctagccgt gccatcttca ccactggcca ggggtgcgtca cagtgggtct 120
caccgcgtac gttcagcggc atcccgtcag cagagagtgg accttagagg cgggacgctg 180
gttctggctg accgggggtg gtgtctcatt gacgagtttg acaagatgaa tgaccaggac 240
aggaccagca tccacgaggc catggaacag caaagcatct ccatcttcaa ggctggcatc 300
gttacctcgc tgcaagcccg ctgcaactgtc atagctgctg ccaaccccat aggaggccgc 360
tacgaccctt cactgacctt ctcagagaat gtagacctca cagagcccat catttccgc 420

```

tttgatgtcc tgtgtgtggt gagggacact gtgatccagt tcaggatgag atgctggccc 480
gctttgtgg 489

<210> 7
<211> 414
<212> DNA
<213> Mus musculus

<400> 7
tcaagttttac actcagttat cagaagtggga tcaagtaaaa gaagacctta cagagcatat 60
caaaagtctt gagtctaaac aagcatcttt gcagtcagaa aagacagagt ttgaaagtga 120
gagccagaaa cttcagcaga aactgaaagt gataaccgag ctgtaccaag aaaatgaaat 180
gaaacttcac aggaaattaa cagtagaaga aaattaccga ttagagaaaag aagaaaaact 240
ttccaaagta gatgagaaaa tcagccatgc gaccgaggag ctggagacct gcaggcagcg 300
tgccaaggat cttgaagaag agctggagag aacaattcat tcttaccagg ggcagggttat 360
ttctcatgaa aaaaaagcac atgataattg gctggcagct cggactcttg aaag 414

<210> 8
<211> 262
<212> DNA
<213> Mus musculus

<400> 8
tagatgcgga actcttgggc cctgcgagta acctagaacg accacccaga cacacaacca 60
gaaaggagct agagtccata gcctgaacaa cttgcccgtg caaccttgag gaggacgagg 120
gacactcgct gtttctgata ccgctagaca aatgtaggat gagagtgatt gtgaaacata 180
ttccagctgt acataccggt tggcgagaat aataagaggc ctctgtggta actggataac 240
tagacgtaga actatgcact gc 262

<210> 9
<211> 528
<212> DNA
<213> Mus musculus

<220>
<221> modified_base
<222> (370)..(371)
<223> a, t, c, g, other or unknown

<400> 9
ggcgactcta aggtgggaag cggcctccaa ccggtcttgt cactgcgctg cctctgctcc 60
accttctctg gccctggcgc tagtgctcag agtgccctga gtccgcctgt agcatgtgtg 120
gcatctgggc cctcttcggc agcgatgact gcctttccgt gcagtgtctg agtgcgatga 180
agatccgcac agggggccag atgcatttcg ctttgagaat gtcaatggat acaccaactg 240
ctgctttggc tttcaccgct tggctgtggt tgacccgctg tttggaatgc agccgataag 300
agtggagaaa tacccttatt tgtggctctg ttacaatggg gaaatctaca accacaaggc 360
gctacagcan nacgttttga atttgaatat cagaccaatg tggatgggtga gattatcctc 420
cacctctatg acaaaggagg catcgagaaa accatctgta tgctggacgg ggtgtttgat 480
tcacttactg gacactgcaa taagaagtat ttctgggcaa gaactatg 528

<210> 10
<211> 368
<212> DNA
<213> Mus musculus

<220>

<221> modified_base

<222> (220)

<223> a, t, c, g, other or unknown

<400> 10

```

ttctttaaaga acacattaag tttttatatac ttacaacggt tgtgggtcctg tgtcatagag 60
aatgatctta ttagtgattt cacaaaacat tgtgggtgggg acttgtggcg ctttctcata 120
aaaggagaag ccaacagaaa tgaaagtgt aacatccagc agtacttgcc acgaggagga 180
gggtgtgatgt acaaccccca tctcactcta gccatggctn gtgtttgttg gtgctttcac 240
aagcgagttg gtacttagaa tcagttccct ggggacaccc tcaaaaagcc acaggactgc 300
ccaccacgtg ggatcttata atcagataag caggtttatg gtttagcaaa aggagaatgc 360
tgttaccc                                     368

```

<210> 11

<211> 505

<212> DNA

<213> Mus musculus

<400> 11

```

ccctgaggaa gtgacaacag gagggtccctt gacgggaggc cgggtgggct ctgcatccct 60
ctgctcgac tgccgggaga tggctcagcg gctcctcctg gggagggtcc tgacctcagt 120
catctccagg aagcctcctc aggggtgtgtg ggcttccctc acctctaaga ccctgcagac 180
ccctcagtag aatgctgggt gtctaacagt aatgcccagc ccagcccga cagtacacac 240
caccagagtc tgtttgacga cttttaacgt ccaggatgga cctgactttc aagacagagt 300
tgtcaacagt gagacaccag ttgtttgtgga ctttcatgca cagtgggtgtg gcccctgcaa 360
gatccctagga ccgcggttag agaagatggt cgccaagcag cacgggaagg tggctcatggc 420
caaagtggac attgacgata acacagacct tgccattgaa tatgaggtgt cagctgtgcc 480
taccgtgcta gccatcaaga acggg                                     505

```

<210> 12

<211> 337

<212> DNA

<213> Mus musculus

<400> 12

```

ggccctcaag cacgaaggaa atgaaaagtt aagactgcct ctgcaaaaga acaaacgccc 60
aaatcgtccc ttgacttcct gttgggggta gtagctttct cttgactttc ccattatcag 120
aaaaagcagt aggtatcact tgaacatcaa gtgacattga tgctccttta atgaatatac 180
tcattacaaa attttgagga aatatatgtc atgtcactct ttagtatgga gatattttat 240
tgtgctatag gttacaatca ttgtattaaa taaaccatac atgattatac agtttttaat 300
tatggtctga catccagtaa aattccatct ttttgtc                                     337

```

<210> 13

<211> 643

<212> DNA

<213> Mus musculus

<400> 13

```

ctgcaggacc tcaccgccgc cgcgtccgag tgcattgacc cctcagtggc ctttccctac 60
ccgctcaacg acagcagctc gcccaaacc tgtacctcgt ccgattccac ggccttctct 120
ccttccctcg actcgtctgt gtcctccgag tcctccccac gggccagccc tgagccccta 180
gtgctgcatg aggagacacc gccaccacc agcagcgact ctgaagaaga gcaagaagat 240
gaggaagaaa ttgatgtggt gtctgtggag aagaggcaaa cccctgcca gaggtcggag 300

```

```

tcgggctcat ctccatcccg aggccacagc aaacctccgc acagcccact ggtcctcaag 360
aggtgccacg tctccactca ccagcacaac tacgccgcac cgcctccac aaggaaggac 420
tatccagctg ccaagagggc caagttggac agtggcaggg tcctgaagca gatcagcaaa 480
caacgcaagt gtcaccccc aaggtctcag acacggagga taacgacaag aagcggacac 540
acaacgtctt ggaacgtcag aggaggaacg aactgaagcg catgtgttg cctgcgtgac 600
aagatcgtga attggaaacg acgaaaggcc ccaagttagt atc 643

```

<210> 14

<211> 559

<212> DNA

<213> Mus musculus

<220>

<221> modified_base

<222> (537)

<223> a, t, c, g, other or unknown

<400> 14

```

attcggcaca ggaagcgaac aggcattcca accttaggga agaattgtgt agtggtctggc 60
aggtcaaaaa acgttggaat gccgattgca atgttgctgc acacagatgg agctcacgaa 120
cggcccgggg gtgatgccac agtcacaata tctcatcgat acactcccaa agagcagctg 180
aagaagcaca cgatccttgc agacattgta atatctgccg ctggcattcc aaatctgatc 240
acagctgaca tgatcaagga aggagcagcg gtcatcgatg tgggaataaa cagagttcaa 300
gatcctgtca ctgcaaagcc caaattgggt ggagatgtgg attttgaagg agtcaagaag 360
aaagctgggt atatcactcc cgtccctggg ggtgtgggtc ccatgaccgt ggccatgctc 420
atgaagaaca ccattattgc cgcaaagaga gtgctaagac cagaggagct tgaagtgttc 480
aagtcaaaca gcgccgagtc gccaccaact agcagcactc tgagccaccc gagagcntaa 540
caggccagaa gaatcagtg 559

```

<210> 15

<211> 652

<212> DNA

<213> Mus musculus

<400> 15

```

ctctgcagaa aagatcttgt acagtctgct gaaccttggg catccttgtc atgccaccaa 60
ccagaatcac ttctcctatg tcaactctgc tgacttctgc atcctgcata gctttctgac 120
acggagcaat agttctcttg attagatctg tgacaatgcc ttcaaactga gctcgagtca 180
gcttcatatt caaatgcttt ggtccagaag catccatggg aaggtatggc aagttgatgt 240
cagtctgcac agatgaggaa agttcacatt tagccttctc agcagcttcc cgaacctctc 300
gaagcgccat gttgtctttg gtcaaataca ccctgtctc tctcttgaa tccttgacaa 360
tgtgccgcaa caaagcttgg tcaaagtctt cccctcctaa gaaagtgtcc ccattggtag 420
atttccactc aaacactcct ttctgaattt ccagggatag aatgggtcaag gggtccacac 480
ctaaatcata cacagcaatg actttatcct cagatttgtc cagaccgtaa gctagagcag 540
cactggtagg ctcatcgatc actcggagca catttagccc agatattggg cagcatcctt 600
agtggctgtc gctgtggatc attgaattag caggggctgt gattacagca tt 652

```